

ABSTRACT OF DISCLOSURE

A method, apparatus, and medium for processing data in a Read Only Memory (ROM) drive. The data processing method includes: a ROM drive detecting, buffering, and decoding data at a target location on an optical recording medium; if one of data detection, data buffering, and data decoding fails, checking a CLV speed of the optical recording medium, adjusting a CAV speed of the optical recording medium, and retrying data detection, data buffering, and data decoding; and if data detection, data buffering, and data decoding are performed successfully, transmitting the decoded data to the host computer. Therefore, it is possible to improve the quality of a ROM drive, by preventing the deterioration of data readability and error generation caused by speed deterioration of the ROM drive, from defects of an optical recording medium.